

Network Polymers Nylon 6030

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 30% Glass Fiber Filled

Material Notes:

Natural Nylon (33% Glass Fiber) Information provided by Network Polymers Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Network-Polymers-Nylon-6030.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	ASTM D792
Linear Mold Shrinkage	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	141 MPa	20500 psi	ASTM D638
Flexural Modulus	6.89 GPa	1000 ksi	ASTM D790
Izod Impact, Notched	>= 0.641 J/cm	>= 1.20 ft-lb/in	1/8 in specimen; ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	249 °C	480 °F	ASTM D789
Deflection Temperature at 0.46 MPa (66 psi)	240 °C	464 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	224 °C	435 °F	0.125 in bar; ASTM D648

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